

ABSTRACT

A method for controlling a brake pressure in at least two wheel brakes preferably mounted on one axle of the vehicle, is performed during a braking operation on a road surface having a heterogeneous coefficient of friction.

This method works as follows:

- A low coefficient of friction side and/or a high coefficient of friction side is detected,
- a stability index representing the driving state of the vehicle is formed,
- the stability index is evaluated on the basis of the low coefficient of friction side and/or of the high coefficient of friction side and
- the brake pressure is altered in at least one wheel brake as a function of the value of the stability index and as a function of the result of the evaluation of the stability index on the basis of the low coefficient of friction side and/or the high coefficient of friction side.